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From: Dave Dickerson/R1/USEPA/US

To: "Craffey, Paul (DEP)" <Paul.Craffey@state.ma.us>

Delivered Date: 06/09/2010 09:19 AM EDT

Subject: Re: quick review of ESD paragraph

OK - thanks Paul. Now that you mention it its coming back to me!

▼ "Craffey, Paul (DEP)" ---06/09/2010 08:52:44 AM---Also, for your last question. The dredging at Fish Island was done before CAD 1 was started. So th

From: "Craffey, Paul (DEP)" <Paul.Craffey@state.ma.us>

To: Dave Dickerson/R1/USEPA/US@EPA

Date: 06/09/2010 08:52 AM

Subject: Re: quick review of ESD paragraph

Also, for your last question. The dredging at Fish Island was done before CAD 1 was started. So the borrow pit has some dredge material and the top of CAD 1.

----- Original Message -----

From: dickerson.dave@epamail.epa.gov <dickerson.dave@epamail.epa.gov>
To: Craffey, Paul (DEP) <Paul.Craffey@state.ma.us>; Coyne, Joseph (DEP) <Joseph.Coyne@state.ma.us>; cmyers@apexc.com <cmyers@apexc.com>; jborkland@apexc.com <jborkland@apexc.com>
Cc: Peterson.David@epamail.epa.gov <Peterson.David@epamail.epa.gov>
Sent: Tue Jun 08 11:27:43 2010
Subject: quick review of ESD paragraph

Hi folks - could you give the following paragraph a quick read to ensure accuracy and provide any comments or corrections you may have? I'm especially interested in the amount of sediments placed into cells #1 and #2 (guessed by yours truly to be 132,000 cy). Also, has any material other than top-of-CAD been placed into the borrow pit?

Many thanks - Dave

As of June 2010, two CAD cells for navigational dredged material disposal have been constructed in NBH (CAD cells #1 and #2) as part of the NBH state enhanced remedy (EPA, 1998, pp.33-34). The surficial unsuitable material from CAD cell #1 was placed into an existing adjacent underwater borrow pit which had been excavated decades ago to mine sand. The clean bottom-of-CAD material from CAD cell #1 was then used as cap material for the 2005 pilot underwater cap near the Cornell-Dubilier facility. In 2009, the unsuitable top-of-CAD material from CAD cell #2 was placed into CAD cell #1, and the clean bottom-of-CAD material from CAD cell #2 was disposed at the Cape Cod Bay open water disposal site. To date, approximately [132,000] cy of contaminated dredge material from NBH navigational areas has been placed into CAD cells #1 and #2. Section III.B.1 below describes the plume tracking, toxicity testing and water quality monitoring that was performed in 2009 during placement operations at CAD cell #2.